

## Defining excellence taxes thought processes of speakers and listeners

Defining excellence proved to be a challenging task for speakers and listeners alike at a 14 February forum sponsored by the Women's Issues Committee of the AAS:UA. Indeed, the very idea of defining excellence struck many as an undesirable goal.

Juliet McMaster (English) said excellence is not what's left behind after you've finished cutting to the bone. It's like getting rid of the candle and expecting the flame to still be there, she said.

Devoting much of her presentation to her selection committee experiences, Dr McMaster posed the scenario of a selection committee which has narrowed its choices to a group of frontrunners. In the event that no one candidate's excellence makes him or her the clear choice, "... it seems to me that that's the time when the excellence of the institution may be worth thinking about, and what does the University need in order to better itself?

"It's of the nature of institutions we know that they tend to perpetuate themselves; good ones have to make a conscious effort to diversify," she said, outlining her experiences on a Royal Society new fellows selection committee. Five of the eight selection committee members were from the University of Toronto that year and 60 percent of the new nominees after the preliminary screening were from the U of T. "Well, the bias was not intentional." What it took to get more Westerners and Martimers on the Society was for someone to point out the committee's own biases and for the committee to be

decent enough to recognize it, she explained.

Citing President Davenport's comments that the University may legitimately encourage applications from women and other underrepresented groups, but that the best qualified applicant will be offered the job regardless of gender, and that the University's commitment to excellence and academic freedom would be meaningless if it knowingly hired

inferior candidates, Dr McMaster said, "Well, agreed, of course, but is that 'knowingly' that is the problem here?"

She said there is ample evidence to suggest that gender prejudice, as well as other kinds of prejudice, is unconscious, but nonetheless constantly operative. "We should be making conscious efforts to reduce the effects of unconscious bias in ourselves and others," she said.

Acknowledging her healthy suspicion of taxonomy, Patricia Demers (English) said the idea of defining excellence may well be mad and dangerous. "There is a tacit, but distinct, possibility of enshrining our beliefs into a creed or manifesto which could obliterate the very differences, questions and peculiarities that so often propel excellent research."

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# FOLIO

University of Alberta

22 February 1990

## Faculty of Engineering unveils Donor Recognition Wall

There's no need for a toll gate on the Bridge to the 21st Century.

The Faculty of Engineering's so-named fundraising campaign has exceeded all expectations by garnering upwards of \$5 million in donations and pledges. (The goal announced at the outset of the campaign in September 1988 was \$3 million.)

Add the funds resulting from the Advanced Education Endowment and Incentive Fund and the total approaches \$9 million.

Dean Fred Otto, for one, has heard the call of the loon(ie). At a ceremony (15 February) honoring the individuals and firms who have made the Bridge to the 21st Century what it is today, Peter Meekison, Vice-President (Academic), recalled that he (Dean Otto) once remarked, "I didn't think it was a Dean's job to raise money." To which Dr Meekison replied, "Fred, you've got a lot to learn."

Speaking before the unveiling of four large panels which constitute the Faculty's Donor Recognition Wall (second floor, Mechanical Engineering Building), Dean Otto thanked T Don Stacy, Chair of the campaign and the members of the executive committee for their



John Poole, T Don Stacy, Fred Otto, Bing Mah, and Peter Meekison (left to right) say thanks to all who donated to the Bridge to the 21st Century Campaign. Other contributions were received after the cut off date; the donors' names will be added to the Donor Recognition Wall.

dedication to engineering education. He then called on John Poole to unveil the first panel which serves as a tribute to his parents, Ernest and Gertrude Poole. (John Poole and his brother George have established an endowment in honor of their parents. This has resulted in the Ernest E and Gertrude Poole Chair

in Management for Engineers.)

The other panels were unveiled by Mr Stacy; Bing Mah, Manager of the Endowment and Incentive Fund; and Dr Meekison. The latter was described by Mr Stacy as "an engineer who's gone astray" (he earned a BASc at UBC before deciding to make political science

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## INSIDE

- Soviet visitor discusses changes in homeland
- Visit Harcourt House Gallery for the latest in experimental furniture design
- Support staff profile: Dan Pretzlaff
- Distinguished Visitors: Catharine Stimpson, Margaret Talbot

## Gorbachev not solely responsible for changes, visiting Soviet says

Soviet leader Mikhail Gorbachev is not solely responsible for the new ideas permeating Soviet society, says a visiting Soviet academic. The Soviet leader is, however, helping to throw open gates for the free expression of ideas that have been brewing in Soviet society for some time.

Here to give the Law Faculty's Martland lectures, Alexander Iakovlev told students 15 February that the mass media has also helped to pave the way for changes in his country. The head of the Department of Theory and Sociology of Criminal Law for the Institute of State and Law, Academy of Sciences of the USSR, said democratic gains

beginning in the early 1960s in various parts of the world also did not go unnoticed in the Soviet Union.

One of the greatest lessons the Soviet people have learned, he said, is that an ideological utopia cannot be implemented by force. "No one can be driven into paradise by force; they must go on their own."

Dr Iakovlev, a graduate of the Moscow Judicial Institute, said the resilience of Russian culture has not been fully credited for recent events. "The mainstream of Russian culture has been maintained through all those years of totalitarianism."

Dr Iakovlev, who is a member of a governmental standing committee,

the Legislation Criminal Justice Reform Committee, which is partially involved in the drafting of a new constitution for the USSR, said, "If the law divorces itself from liberty, it becomes a tool of suppression. If there are no binding measures of freedom, there will simply be a contest of force and this will lead to a tyranny of the mightiest."

He noted that some law, in the family and criminal areas, for example, has not always been subservient to the political dogma during the last several decades.

In response to a question, Dr Iakovlev pointed out that the word communism has over the years been "terribly misused." He argued that its original meaning entailed ideas such as being aware of the needs of the community and being selfless to the point of putting communal interests ahead of the individual's. He said that Christianity contained these

basic elements.

He suggested that the problem with Marxist ideology was that it purported to contain the only truth. This meant that all other ideas were considered false. "This intolerance of thought is the greatest moral mistake of political thinkers," he said, adding that once the ideology hardened into dogma expressed by only one party, the existence of a pluralist system was rendered impossible. He said an outgrowth of this was that the people were not convinced, the ideas were not tested against reality and this led to the suppression of other ideas by mass scale violence and terror.

Dr Iakovlev is also a member of the Council of Directors of the International Society of Social Defence and publishes in the areas of criminal law, sociology and social psychology. His most recent book is titled *Sociology of Economic Crimes* (1987). □



Alexander Iakovlev

## Excellence

*Continued from page one*

Gary Kelly (English) argued that excellence is defined by those in society who have power. He said excellence can be regarded as property, is shared unequally in society and is inescapably relative. He said that those people in society without the power to define excellence can refuse to participate in the process of defining excellence.

Morton Ross (English) detailed an exchange in the first act of "King Lear" involving the king and Cordelia. Dr Ross said he thought that Cordelia's answers to Lear are a praiseworthy refusal to participate in a competition in which love is to be measured by how much she can exceed her sister's expressions of love. That is, she has refused a quantitative measure.

"In some fields quantitative measures are perfectly appropriate," he said, but the "creeping quantitateness" social scientists are increasingly relying on will not necessarily lead to the promotion of excellence.

Other points expressed by people at the forum included:

- Increased funding doesn't necessarily result in the promotion of excellence;
- Biases people have are often unintentional and automatic;
- Impartial observers on selection committees may be able to point out biases that committee members are not aware of;
- An institution betters itself by diversifying itself;
- Creating centres of excellence should occur naturally, but should not be artificially brought about. □

## FOLIO

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## Friends of the University of Alberta present commemorative volumes to Special Collections

The Friends of the University of Alberta recently held a book presentation ceremony in the Stollery Centre to honor 150 professors who have retired in the past three years.

George Lord, Chair of the Friends, presented the commemorative volumes to John Charles, who received them on behalf of the Bruce Peel Special Collections Library. Mr Charles commented that "rare books are our bread and butter. Without support groups like the Friends, I don't know where Special Collections would be."

He then proceeded to describe individually the books that comprise the gift. John Clare's *Birds Nesting: the lost manuscript*, with lino prints by Nicholas Parry (Tern Press, 1987), is number 13 of a limited signed edition. James Fennimore Cooper's *The Battle of Lake Erie: or Answers to Messrs. Burges, Duer, and Mackenzie* (Cooperstown: Phinney, 1843) is a scarce pamphlet that questions Commodore Matthew Perry's version of the naval encounter. *How I Came to be Governor of the Island of Cacona*, a classic example

of Canadian political satire, is now known to be the work of William Henry Fleet. San Francisco's Arion Press has recently republished the 1852 original. The Friends' gift includes two multi-volume sets—*The Works of Hannah More* in 12 volumes (1801-1813) and Antoine Tournon's *Histoire General De L'Amerique Dupuis Sa Decouverte* (Paris: Herissant fils, 1768-70). The latter's 14 volumes will be a valuable addition to the Javitch Collection of Americana.

The most beautiful book in the group is the unique volume of Tennyson's *Morte d'Arthur*; the calligraphy, watercolor illustrations, bindings and case were produced between 1978 and 1981 by the Canadian artist, Annegret Hunter-Elsenbach.

Mr Charles ended his comments with Denise Levertov's *The Cold Spring & Other Poems*, a signed

copy of a limited edition of lyrics dealing with contemporary themes, including the Vietnam War.

On behalf of the honored guests, University Professor Henry Kreisel thanked the Friends for their gift of books. He recalled that when he came to the University in the late '40s, the entire book collection was housed in a corner of the Arts Building. Thanks to Professors Broadus and Salter there were substantial holdings in English literature but few periodicals. Dr Kreisel asked that the Library subscribe to an important contemporary journal, *Scrutiny*, which cost \$1.50 per year. He was told that the University could not afford the expenditure. Limited budgets are not a new problem.

After the formal ceremonies, the guests enjoyed the reception arranged by University Libraries. □

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## Chinese professor to visit University

Tianjin University Professor Jianzhong Cha will be visiting the University of Alberta from 26 February to 1 March. He will be visiting Chemical Engineering Professor Ming Rao's laboratory.

Dr Cha's research interests include nonlinear optimization, optimal control, and AI applications to machine design and manufacturing processes.

The associate professor from the People's Republic of China is the director of the Intelligent Machine Design and Manufacture Laboratory at Tianjin. He received his PhD from State University, Buffalo, NY, in mechanical engineering and he worked at the Department of Electrical and Computer Engineering and Civil Engineering at SUNY at Buffalo as a postdoctoral fellow for two years. Anyone wishing to meet Dr Cha can contact Dr Rao to make arrangements. □

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## Lemieux awarded King Faisal International Prize

The 1990 King Faisal International Prize in Science (Chemistry) has been awarded to Raymond Lemieux, Professor Emeritus of Chemistry. Dr Lemieux is the first Canadian to receive the Prize; he will accept it at a ceremony at the King Faisal Foundation headquarters in Riyadh, Saudi Arabia, 6 March.

Dr Lemieux was aware that he had been nominated for the award, but says recognition by the King Faisal Foundation was totally unexpected. When contacted at his lab (he works weekday afternoons), he had just finished a draft of the short speech he will deliver at the ceremony presided over by King Fahd Bin Abd al Aziz. Also on the itinerary are a talk at King Faisal Hospital (3 March) and a few days' sightseeing courtesy of the Canadian Embassy. He will then travel to Bali to make connections with the McGill Alumni Association's cruise to Indonesia, plans for which he had made some time before being notified of the Faisal Prize.

Dr Lemieux is best known for his pioneering work on the synthesis of oligosaccharides (complex carbohydrates found on the surfaces of red blood cells and body tissues) which has had a significant impact on medical care, particularly tissue typing. Commercial applications,

including the development and marketing of monoclonal antibodies and artificial antigens for diagnostic uses, and immunoabsorbents for purposes such as extracting antibodies from plasma, accompany much of Dr Lemieux's work.

The Prizes were created by the King Faisal Foundation to honor King Faisal ibn Abdal Aziz, ruler of Saudi Arabia from 1964 until his death in 1975. They were first awarded in 1979 for service to Islam, Islamic Studies, and Arabic

Literature. Science and medicine were added in 1980 and since then 60 scholars from 22 countries have been recipients. The Prizes honor excellence on the part of scholars who make significant advances in areas that benefit humanity in general and needy nations in particular.

Dr Lemieux shares the US \$93,333 Prize in Science with two Americans, Frank Cotton of Texas A&M University and Mustafa El-Sayed of UCLA. □

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## Donor Recognition Wall

*Continued from page one*

his métier). "When I got my [engineering] degree they gave it to me on the condition that I wouldn't practise," Dr Meekison cracked.

Paul Couillard, the architect of the Donor Recognition Wall, said the area is meant to reflect the various disciplines of engineering. "It's a dynamic space with lots of natural light. It suggests something which is unfinished, which is progressive, which is forward-looking," he said.

Besides the Poole Chair in Management for Engineers, the Bridge to the 21st Century has allowed the Faculty to establish the George Ford Chair in Materials Engineering, the Chair in Safety Engineering and Loss Management, the Chair in Petroleum Engineering, and the Chair in Construction Engineering. Also, a number of graduate and undergraduate scholarships and lectureships are coming on stream and updated laboratory equipment is being purchased. □

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## Search for new Canadian Studies Chair

The Canadian Studies Committee in the Faculty of Arts seeks a new Chair for the Committee and of the Canadian Studies Program, effective 1 July 1990. This position, open to all tenured members of the Faculty of Arts, normally has a term of three years.

Canadian Studies is a full degree program of interdisciplinary studies with thirty-five students currently enrolled. Duties include calling and conducting full Committee meetings at intervals throughout the academic year; preparing budgets; representing the Program in University councils and to the public; assisting in the

organization of activities such as scholarly conferences and fundraising projects like the proposed Chair in Canadian Studies; performing routine administration; being available to students; and directing the ongoing development of the Program, especially in curriculum.

Suggestions of suitable candidates for the position, or self-nominations, should be sent to the Chair of the Search Committee, Professor PA Robberecht, Department of Comparative Literature, 347 Arts Building (492-5833).

Deadline for submission of applications is 1 March 1990.

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## Guest column

# Any charge rate based on allocated overhead costs may be self-defeating or Joe's accounting lesson leaves him shell shocked

By John Waterhouse, Chair,  
Department of Accounting

This comment is a response to the policy statement issued on 10 January by the Vice-President (Research) on "University of Alberta Proposed Policy on the Indirect Costs of Sponsored Research". The proposal states in part "... the intent is to recover the true costs of the research undertaken. In the proposed policy, the recommended rate in most instances is 40 percent of the direct costs (or equivalent) which is 5 percent short of the actual costs of 45 percent" (p 1 emphases added). However laudable this objective of increasing University revenues by charging granting agencies for overhead, it must be recognized that any charge rate based on allocated overhead costs is fundamentally arbitrary and may be self-defeating.

The following story of the restaurateur (Joe) and his Accountant-Efficiency-Expert illustrates the arbitrary and potentially self-defeating consequences of some cost allocation schemes<sup>1</sup>.

In discussing the costs incident to various types of operations, the analogy is drawn of the restaurateur who adds a rack of peanuts to the counter, intending to pick up a little additional profit in the usual course of business. While the analogy may be an over-simplification, its resemblance to the University's research overhead policy is striking.

Eff Ex: Joe, you said you put in these peanuts because some people ask for them, but do you realize what this rack of peanuts is costing you?

Joe: It ain't gonna cost. 'Sgonna be a profit. Sure, I hadda pay \$25 for a fancy rack to hold the bags, but the peanuts cost 6 cents a bag and I sell 'em for 10 cents. Figger I sell 50 bags a week to start. It'll take 12 1/2 weeks to cover the cost of the rack. After that I gotta clear profit of 4 cents a bag. The more I sell, the more I make.

Eff Ex: That is an antiquated and completely unrealistic approach, Joe. Fortunately, modern accounting procedures permit a more accurate

picture which reveals the complexities involved.

Joe: Huh?

Eff Ex: To be precise, those peanuts must be integrated into your entire operation and be allocated their appropriate share of business overhead. They must share a proportionate part of your expenditure for rent, heat, light, equipment depreciation, decorating, salaries for your waitresses, cook ... Joe: The cook? What's he gotta do wit'a peanuts? He don't even know I got 'em!

Eff Ex: Look Joe, the cook is in the kitchen, the kitchen prepares the food, the food is what brings people in here, and the people ask to buy peanuts. That's why you must charge a portion of the cook's wages, as well as a part of your own salary to peanut sales. This sheet contains a carefully calculated cost analysis which indicates the peanut operation should pay exactly \$1,278 per year toward these general overhead costs.

Joe: The peanuts? \$1,278 a year for overhead? The nuts?

Eff Ex: It's really a little more than that. You also spend money each week to have the windows washed, to have the place swept out in the mornings, keep soap in the washroom and provide free cokes to the police. That raised the total to \$1,313 per year.

Joe: [Thoughtfully] But the peanut salesman said I'd make money ... put 'em on the end of the counter, he said ... and get 4 cents a bag profit ...

Eff Ex: [With a sniff] He's not an accountant. Do you actually know what the portion of the counter occupied by the peanut rack is worth to you?

Joe: Ain't worth nothing. No stool there ... just a dead spot at the end.

Eff Ex: The modern cost picture permits no dead spots. Your counter contains 60 square feet and your counter business grosses \$15,000 a year. Consequently, the square foot of space occupied by the peanut rack is worth \$250 per year. Since you have taken that area away from general counter use, you must charge the value of the space to the occupant.

Joe: You mean I gotta add \$250 a year more to the peanuts?

Eff Ex: Right. That raises their share of the general operating costs to a grand total of \$1,563 per year. Now then, if you sell 50 bags of peanuts per week,

these allocated costs will amount to 60 cents per bag.

Joe: What?

Eff Ex: Obviously, to that must be added your purchase price of 6 cents per bag, which brings the total to 66 cents. So you see by selling peanuts at 10 cents per bag, you are losing 56 cents on every sale.

Joe: Somethin's crazy!

Eff Ex: Not at all! Here are the figures. They prove your peanuts operation cannot stand on its own feet. Joe: [Brightening] Suppost I sell lotsa peanuts ... thousand bags a week 'stead of fifty.

Eff Ex: [Tolerantly] Joe, you don't understand the problem. If the volume of peanuts sales increases, our operating costs will go up ... you'll have to handle more bags with more time, more depreciation, more everything. The basic principle of accounting is firm on that subject: "The Bigger the Operation, the More General Overhead Costs That Must Be Allocated." No, increasing the volume of sales won't help.

Joe: Okay, you so smart, you tell me what I gotta do.

Eff Ex: [Condescendingly] Well, you could first reduce operating expenses. Joe: How?

Eff Ex: Move to a building with cheaper rent. Cut salaries. Wash the windows biweekly. Have the floor swept only on Thursday. Remove the soap from the washrooms. Decrease the square-foot value of your counter. For example, if you can cut your expenses 50 percent, that will reduce the amount allocated to peanuts from \$1,563 to \$781.50 per year, reducing the cost to 36 cents per bag.

Joe: [Slowly] That's better?

Eff Ex: Much, much better. However, even then you would lose 26 cents per

bag if you only charge 10 cents.

Therefore, you must also raise your selling price. If you want a net profit of 4 cents per bag you would have to charge 40 cents.

Joe: [Flabbergasted] You mean even after I cut operating costs 50 percent I still gotta charge 40 cents for a 10 cent bag of peanuts? Nobody's that nuts about nuts! Who'd buy 'em?

Eff Ex: That's a secondary consideration. The point is, at 40 cents you'd be selling at a price based upon a true and proper evaluation of your then reduced costs.

Joe: [Eagerly] Look! I gotta better idea. Why don't I just throw the nuts out ... put 'em in the ashcan?

Eff Ex: Can you afford it?

Joe: Sure. All I got is about 50 bags of peanuts ... cost about three bucks ... so I lose \$25 on the rack, but I'm outa this nutsy business and no more grief.

Eff Ex: [Shaking head] Joe, this isn't that simple. You are in the peanut business! The minute you throw those peanuts out you are adding \$1,563 of annual overhead to the rest of your operation. Joe ... be realistic ... can you afford to do that?

Joe: [Completely crushed] It's unbelievable! Last week I was making money. Now I'm in trouble ... just because I think peanuts on a counter is gonna bring me some extra profit ... just because I believe 50 bags of peanuts a week is easy.

Eff Ex: [With raised eyebrow] That is the object of modern cost studies, Joe ... to dispel those false illusions. □

<sup>1</sup>There are several published versions of this story. This version is from CT Horngren & G Foster, *Cost Accounting: A Managerial Emphasis*, Prentice-Hall, 1987, pp 473-474.

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## University makes a 'grand' gesture on behalf of Crimestoppers

On Saturday evening, 10 February, University staff and students rolled up their sleeves, curled their fingers around telephone receivers, and punched a dent into crime. And if they weren't seen talking earnestly on the phone, they were presenting their hard-earned cash to the annual Crimestoppers

Telethon which was broadcast live from the ITV studios.

Staff from Campus Security and students from the Agriculture Club, Engineering Students' Society, Lister Hall Students' Association, and the Students' Union contributed a total of \$1,030 to the cause. □



## 'Bringing Ideas to the World' underscores the technology transfer process

Four names stand out when the talk turns to people who have led innovative science to the marketplace. They are: John Preston, director of the Technology Licensing Office at MIT; Bernard Herdan, managing director of Defense Technology Enterprises Ltd; Thomas Rice, a venture capitalist with Minnesota Seed Capital; and Allan Weinstein, president and CEO, IatroMed, Inc.

Preston, Herdan, and Rice hold science degrees; Weinstein is an engineer.

All four will be in Edmonton 16 March for "Bringing Ideas to the World", an in-depth look at the technology transfer process.

Vencap Equities Alberta Ltd and the Management Advisory Institute, Faculty of Business, are sponsoring the seminar. They are naturally paying heed to the presentation format, "while giving significant attention to informal discussion periods."

The four panelists will convey proven strategies for successful technology transfer. By way of

helping to set the stage . . .

- More than 600 companies—with sales approaching \$40 billion and employing 200,000 people—have made their start from MIT. Since joining MIT in 1986, John Preston has facilitated transfer of technology to industry resulting in 20 start-ups, including American Superconductor Corporation and Immulogic Pharmaceutical Corporation.

- Defense Technology Enterprises Ltd is referred to as the United Kingdom's leading technology transfer company. It was formed in 1985 to spin-out technology from research establishments of the Ministry of Defense to industry for commercial applications. Bernard Herdan has developed communication satellites for British Aerospace and the European Space Agency.

- Thomas Rice assisted in the University of Minnesota's development of an approach toward technology transfer initiatives. He has also established a research facility to identify and

characterize new antiallergy drugs for Riker Laboratories.

- IatroMed, Inc is a start-up medical company whose technology is based on the use of electrostimulation to effect bone healing and repair. Allan Weinstein led entry to the marketplace of a hip prosthesis system and started development of Intermedics Orthopedics.

"Bringing Ideas to the World" takes place at the Edmonton Hilton Hotel (William Tomison Room). The registration fee is \$150 before 24 February and \$175 after 24 February.

The contact people on campus are Monica Wegner and Charles Lee, Management Advisory Institute, 492-2225. □

## From Research Services' notebook

On 29 January, two senior officials from the Social Sciences and Humanities Research Council visited campus to discuss the changes to the Strategic Grants Program and the Research Grants Program.

Denis Croux, director of the Strategic Grants Division, and Patricia Dunne, research grants officer, addressed more than 70 researchers at a forum sponsored by the Office of Research Services.

Copies of this presentation highlighting the changes at SSHRC are available from ORS.

### Alberta Heritage Foundation for Medical Research

AHFMR has announced stipend increases retroactive to 1 January 1990. The rate for full-time Studentships is now \$14,140 per annum; rates for Fellowships range from \$24,770 to \$36,400 per annum; and rates for Clinical Fellowships range from \$37,960 to \$45,760 per annum.

### World Wildlife Fund

World Wildlife Fund is currently administering two grant programs in cooperation with Environment Canada. The Endangered Species Recovery Fund is designed to sponsor high priority conservation projects to assist the recovery of endangered wildlife and their natural habitats in Canada. Particular encouragement is being given to proposals to conserve the fish and plants on the Endangered Species list.

Deadlines: 1 April, 1 July, 1 October, and 1 January.

The Wildlife Toxicology Fund supports high calibre research on the effects of toxic chemicals on Canadian wildlife. Applications

may be submitted at any time.

Guidelines for these two programs are available from ORS.

### Canadian Institute of Ukrainian Studies

The Michael and Daria Kowalsky Endowment Fund invites applications for Research Grants in Ukrainian and Ukrainian Canadian studies in history, literature, language, education, social sciences, and library sciences.

Application forms and guidelines are available from the Canadian Institute of Ukrainian Studies, 352 Athabasca Hall.

Deadline: 1 April.

### The G Allan Roeher Institute

The G Allan Roeher Institute is a research and policy development organization that supports families, self-advocates, community groups, service providers, professionals and governments as they develop strategies for community living for people with mental disabilities.

On behalf of the Scottish Rite Charitable Foundation of Canada, the Roeher Institute administers research grants worth up to \$8,000. The Roeher Institute also administers Major Research Grants that are worth up to \$35,000 each.

Deadlines for both programs: 30 April.

### Royal Bank Award

The Royal Bank Award to an outstanding Canadian or a resident of Canada who has made a major contribution to human welfare and the common good will again be offered in 1990. The award consists of \$100,000 and a gold medal.

Brochures outlining the nomination procedures are available from ORS.

Deadline: 28 February. □

## Dean of Engineering's Task Force on Nonacademic Activities of Engineering Students

The purpose of the task force is to examine matters relating to the nonacademic activities of engineering students in relation to the campus and public. The task force will be considering:

- 1 Engineering Week with its associated events and their campus interaction.
- 2 The engineering student publications.
- 3 Ways and means by which the positive contributions and activities of engineering students can receive greater visibility and recognition.
- 4 Identification of ways to enhance interaction between students and staff and to foster a greater degree of professionalism within the Faculty.

If you or your group wish to present a submission to the task force, please contact the Department of Mechanical Engineering at 492-3598 or FAX 492-2200.

The task force is expected to report by the end of April.

Task force members are:

Gary Faulkner, Department of Mechanical Engineering, Chair

Lisa Annis  
Clarence Capjack  
Meg Clarke  
John Guelly  
Faye Hicks  
Susan Jaques

Greg Mogan  
Carol Ottosen  
Steve Pawluk  
Robert Ross  
Lorenz Sigurdson  
Jerry Whiting

## Industrial Design students present furniture exhibition

You have less than a week to see the University of Alberta Industrial Design students' furniture design exhibition at the Harcourt House Gallery.

MDF+ is the second exhibition of experimental furniture in medium density fibreboard to be held at the gallery. The work is designed and fabricated in the Division of Industrial Design, Department of Art and Design.

According to instructor Bruce Bentz, "Many of the pieces in the exhibition are whimsical, but all attempt to explore possible directions for further practical development."

In the furniture, other materials have been incorporated to expand the design and fabrication potential of medium density fibreboard. The refinement of some forms, fabrication methods and finishes may lead to domestic or contract furniture applications.

Professor Bentz says, "These are experimental designs in which we explore the material's potential and this allows the company (Blue Ridge Lumber) to better understand industry's possible future uses for their product."

"It's very tempting for people to want to consider these pieces as art furniture, but in fact the pieces are much more than that because they demonstrate a variety of uses for the material not yet fully explored by industry," he says.

The 16 students involved with the showing are in the furniture design course and are introduced to a variety of techniques, materials and processes in furniture design and construction. They began the projects in early January—for some, it's their first attempt at making furniture—and barely a month later their projects were completed. Professor Bentz sees the projects as an excellent opportunity for the students to have fun. "That's one of my objectives; they work harder and, as a result, learn more."

Who should see the exhibition?

Well, says Professor Bentz, people in general should take in the show to see how new materials are being used and in what direction furniture design is heading. Manufacturers in Edmonton and Calgary would also find the show of interest.

The gallery is located on the 3rd floor, 10215 112 St; it is open Tuesday to Friday, 10 am to 5 pm, and Saturday, noon to 5 pm. The sponsors are WECAN Society and Blue Ridge Lumber (1981) Ltd. The show continues to 28 February. □



Bruce Bentz examines one of the many impressive pieces of furniture in the show. The bed is made by Alfredo Valente.

## Dirk Grathoff on Heinrich von Kleist

### Life and times of enigmatic 19th century author to be illuminated by West German scholar

The Department of Germanic Languages, with the support of the Goethe Institute Vancouver, has organized a series of lectures on Heinrich von Kleist by Dirk Grathoff of the University of Oldenburg, Federal Republic of Germany.

Heinrich von Kleist (1777-1811), a contemporary of Beethoven and Goethe, wrote several short stories and dramas between 1800 and 1811, among them the stories *The Marquise of O* and *Michael Kohlhaas*—both the bases for recent films—and the play "Prince Friedrich of Homburg," a staple of European as well as German theatre to this day. Kleist's *Kohlhaas* story remains current by its

treatment of terrorism; it is the basis for the Coalhouse Walker episodes of EL Doctorow's novel *Ragtime*.

Professor Grathoff completed his studies at the Free University of Berlin and at the University of Indiana (1972). He was a professor of modern German literature at the University of Giessen from 1973 to 1980. Since his habilitation in 1981 he has taught at the University of Oldenburg, as well as in Munich, Adelaide, Australia, and the Academy of Science in East Germany.

He has been most active in Kleist-research, recently completing a monograph, "Kleist, Studies on his Works and Impact." He has also

published works on Goethe, Schiller, Brecht, and Grass, and is currently involved with the publication of the collected works of Carl von Ossietzky.

There will be four lectures: on 26 and 27 February, and 1 and 2 March, in 141 Arts Building, at 3:30 pm each day. The first three lectures will be in English:

- 1) "Kleist and the French Revolution,"
- 2) "Goethe and Kleist: A Mutual Misunderstanding," and
- 3) "Literature and Suicide: Kleist's Death." The fourth lecture, on Kleist's *Michael Kohlhaas*, will be in German. □

## Review committee seeking input from native students

If you're a native student on campus, the Reports and Reviews Committee on Native Student Services would like to hear from you.

The committee would especially like to hear about experiences that might imply a need to change procedures or policies on campus. However, the committee would also like to hear about your positive experiences as well, so they can possibly strengthen existing programs.

In the summer of 1989, the Committee on Student Life (COSL) established a Reports and Reviews Committee on Native Student Services; that body, with membership from the academic and native students communities, has been meeting since September.

The committee is expected to report in April to COSL and that report will then be passed to General Faculties Council if there are any recommendations to change old policies or introduce new ones.

According to Committee Chair Marilyn Assheton-Smith (Educational Foundations), most of the meetings so far have been with people providing information on specific needs of Indian, Metis and Inuit students on campus and the processes which the University has developed to address those needs and areas of weakness that still exist within the processes.

"We have also, through this process, begun to recognize particular strengths native students tend to bring to the campus and contributions which they make to overall campus life because of those strengths."

Although there are native student representatives on the committee, it's very difficult for anyone to speak to divergencies of needs and experiences among the total native student population, Professor Assheton-Smith says.

### To participate. . .

For native students wishing to participate, they can pick up a questionnaire administered by the Aboriginal Students Council from 145 Athabasca Hall. They can also write to Professor Assheton-Smith in the Department of Educational Foundations or phone her at  
*Continued on page nine.*

## 'You can rotate the tires only so many times,' Pretzlaff says

Dan Pretzlaff, Superintendent, Building Trades Division, says the University of Alberta is not unlike its counterparts across the North American continent. "We're entering a period of major building upgrading," he says. The systems in place today have outlived their usefulness and many of them must be totally replaced.

And as we enter this period, Pretzlaff maintains that the Building Trades Division provides a level of service as up to date and as efficient as its counterparts in other parts of the country. But, he warns, "you can only rotate the tires so many times."

Pretzlaff, who has been with the University since 1966 and witnessed the tremendous period of growth, says, "I believe strongly in continuing the search for better and more effective ways of providing services." According to him, that task of operating the systems and maintaining the University's assets means using both public and private services.

He says the trend towards a greater reliance on private sector resources and expertise is not at all disturbing. "I believe there should be a balance between the two and on this campus we determine who does the work by who has the expertise and how often we need that expertise." He says the division must maintain private sector contacts for expertise and human resources, although the division is committed to the idea of maintaining a "core level" of service and tradespeople.

Those tradespeople are today increasingly difficult to find, he explains, yet the University community still wants its work completed. Therefore, the task of maintaining University systems and doing the bulk of the renovations can be a demanding job. Not only does Pretzlaff have to mobilize the public and private resources at hand, his division has to respond as best as it can to the demands of the academic and nonacademic community. Unlike in the private sector where tradespeople can often do their jobs in new, unoccupied buildings, the University environment presents some challenges. "Our challenge is to provide services with the least amount of disruption," he says, adding that the "odd prof or student believes that we can

perform miracles and it's difficult for us to convince them we can't do that—the funds are simply not there.

"The difficult part of our job is to maintain the systems and provide alterations within the limited number of hours we have to work with."

Pretzlaff has a long history with the U of A. In 1966, working for a private contractor as the project supervisor for the construction of the Henry Marshall Tory Building, he was offered a job with the University. Serving first as an assistant manager for about one year, he went on to manage the projects division, which was responsible for 90 percent of the renovations. "It was a busy time and the campus was expanding head over heels; there was a lot of new construction and renovations."

Then in 1985, the amalgamation of maintenance and projects

divisions took place and he was placed in charge of the division. "I like the job and there're always new challenges," he says.

Pretzlaff's interests extend beyond the job, though. He's president of the Sherwood Park Rams bantam football team, and he and his wife, Edith, raise trout on their Strathcona County acreage. They have season's tickets to Oilers and Eskimos games and consider themselves "very sportsminded people." Active in a number of professional organizations, Pretzlaff sees as one of his lasting achievements at the University the establishment of the apprenticeship training program.

Pretzlaff says if he had to do it again, he'd make very few changes. The relationships he's established with administrators, academics, students, staff and with colleagues in the Department of Physical Plant have been satisfying and enduring. □



Dan Pretzlaff

## Founder of *Signs: A Journal of Women in Culture and Society* starts three-week visit with Department of English

Catharine R Stimpson, a fiction-writer as well as a prolific scholar, is currently visiting the Department of English as a Distinguished Visiting Professor. She is also the guest of the conference "Imag(in)ing Women: Representations of Women and Culture", sponsored by the University of Alberta and the Royal Society of Canada.

Professor Stimpson arrived 21 February and will be here for close to three weeks. During this time she will be giving several public lectures as well as the keynote address at "Imag(in)ing Women" and will be consulting with numerous groups of faculty and students.

Catharine Stimpson's distinctions began early with an AB magna cum laude with honors from Bryn Mawr, a BA and MA from Newnham College, Cambridge, and a PhD with distinction from Columbia University (1967), followed by a year as Senior Fellow in American Studies at Yale University.

From 1963 to 1980 she taught in the English department at Barnard

College where she was the founding director of the Barnard Women's Center. In 1974 she founded *Signs: A Journal of Women in Culture and Society*, a journal which from its inception has been perhaps the most important periodical in the burgeoning field of women's studies.

Professor Stimpson edited *Signs* until 1980 when she took up a post as Professor of English at Rutgers University. There she continued her work on behalf of women by becoming director of the Rutgers Institute on Women where, from 1980 to 1985, she worked as principal investigator on a number of privately and publicly funded research projects about women.

Beginning in 1981 she also became general editor of the important University of Chicago Press series, "Women in Culture and Society".

During the past several years she has served as Dean of the Graduate School and as Vice Provost for Graduate Education at Rutgers University.

Professor Stimpson has published a novel, *Class Notes* (1979), and is now completing

another called *Suffer the Little Children*. Some of her scholarly essays on women and culture appear in the exceptionally well-received collection *Where the Meanings Are: Feminism and Cultural Spaces* (1988). She is the author of more than 120 essays, chapters, monographs and talks which cover a wide range of topics relative to English and American authors, women's literature, women and health, women and education, sexuality, feminist theory and criticism, gender theory, the role of the university, the functions of university education, national education policy, and curriculum development.

At the moment, Professor Stimpson is completing a major book, *Gertrude Stein and the Replacing of the Avant-Garde*, a critical study of Stein and shifting theories of cultural change. She has also taken a leave from teaching in order to serve as president of the Modern Language Association, an organization whose membership comprises more than 25,000 teachers of language and literature in North America. □



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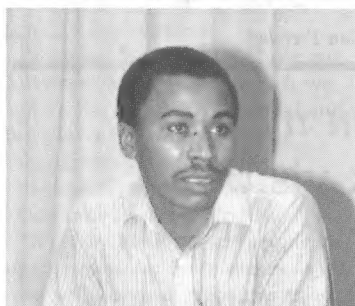
## Graduate student profile: Tolo Mollel

By FS Chia

Tolo Mollel is a student in a special PhD program in Drama and Comparative Literature. He completed his BA with honors in Literature and Theatre in 1975 at the University of Dar es Salaam, Tanzania. He won an Andrew Stewart Award in 1988 based on his research and is currently supported by a Killam Predoctoral Fellowship.

He told me that his interests are writing children's books, African folklore storytelling, and acting. His thesis is on "Post-colonial imperatives and modern drama in Africa: A case of presentational form", and his thesis supervisors are Jim McTeague (Drama) and Stephen Arnold (Comparative Literature).

We spent a good deal of time discussing the philosophy of and



Tolo Mollel

motives for writing children's stories. He feels he has a mission to write stories with moral implications for children; however, the moral must be very subtle as such issues change with time and conditions. He illustrated his ideas with a story he had written about shoes. At first, he simply had an image of shoes, but as the story developed the shoes became organic and began to grow and grow. In the process this pair of shoes was passed from a little boy to his father, to the butcher, and finally to the blacksmith who threw them away as the shoes had become too big even for him. The little boy, the original owner of the shoes, recovered them and placed them outside his house on a rainy day. The shoes grew into water tanks which collected a tremendous amount of clear, rain water that became the precious water supply for the needs of the local people.

The story expresses mystic imagination, a tradition found in much African folklore. He noted too that water is a very precious commodity in his village.

Tolo Mollel has published books, stories, and research papers, and has acted in a number of plays. The three books he has published are *Orphan Boy*, *A Promise to the Sun* and *The King and the Tortoise*,

with several more in preparation. He acted in "Born in the RSA", a South African play that toured Alberta in the summer of 1988, and also in "Shades of Brown" presented at the 1988 Edmonton Fringe Festival and remounted last summer.

He is expected to complete his thesis in the spring of 1991 and convocate in June 1991. His ambition is to be a freelance artist devoting his time to writing children's stories, storytelling and occasionally acting in plays.

Our meeting was scheduled for half an hour, but we talked for an hour and a half. It finally had to be stopped as I was late for my following engagement.

After my conversation with Tolo Mollel I cannot help but be reaffirmed in my view that a research-oriented university such as ours must be international in scope, so that we can have talented, young scholars from afar. These people will make fundamental contributions to our society, and at the same time will take back what they have learned from us to their society. Once again, I am impressed by the enormous human resource which can be found in the nearly 4,000 graduate students we have on this campus. □

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## Nominations open for ASTech Awards

Three new awards have entered the science and technology mainstream in Alberta.

Nominations for the Alberta Science and Technology Leadership Awards (ASTech AWARDS 1990) were declared open 15 February. Sponsored by Cruickshank, Karvellas & Connauton; Peat Marwick Thorne; and Alberta Technology, Research and Telecommunications, the ASTech AWARDS have been initiated to formally recognize businesses, institutions, and individuals that have made significant contributions to the province's science and technology community.

The awards honor: "Outstanding Commercial Achievement in Alberta Science and Technology" for outstanding entrepreneurial achievement in science or technology business; "Outstanding Contribution to the Alberta Science and Technology Community" for tangible contribution in education, public awareness, ambassadorship, or facilitating the growth of Alberta's science and technology industries; and "Innovation in Alberta Science and Technology" for an innovation with major impact in a particular field.

Any business, institution, or individual nominated for the awards must be based in Alberta. While the science or technology need not have originated in the province, there must be some Alberta connection to its development, enhancement, commercialization, or marketing.

Nomination forms can be obtained from a number of sources, including the Public Affairs offices of the University of Alberta and the University of Calgary, the Edmonton Council for Advanced Technology (ECAT), and the Alberta Research Council.

Nominations close 31 March. The winners and finalists will be honored at the ASTech AWARDS 1990 celebration hosted by ECAT 26 May in Edmonton. The celebration will be a leading event Alberta Science and Technology Week scheduled for 26 May to 2 June, along with the second National Forum on Science and Technology Advisory Councils which will take place in Edmonton 27 to 29 May. □

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## Margaret Talbot: EFF Distinguished Visitor

Margaret Talbot of the Faculty of Educational and Leisure Studies, Leeds Polytechnic, England, is on campus as the guest of the Department of Recreation and Leisure Studies. Her visit (26 February to 11 March) is sponsored by the Endowment Fund for the Future, Distinguished Visitors Program.

Professor Talbot has conducted a series of substantially funded research projects on the importance of gender in patterns of leisure opportunity, and the personal and institutional constraints which operate on women (and other disadvantaged groups) in leisure, sport and physical education. She is the author of a major report on *Women and Leisure*, commissioned by the Social Science Research Council and the Sports Council in the UK, a work which has been extensively used by academics, as

well as by policymakers in leisure provision.

She has been a keynote speaker at numerous academic and professional conferences, including a visit to Edmonton in 1988, when she spoke on "Gender Equity in Physical Education" to the Canadian Association of Health, Physical Education and Recreation (CAHPER). In 1987 she gave the Annual Fellows Lecture of the Physical Education Association in England. Professor Talbot is on the editorial board of the *International Review for the Sociology of Sport*, and is the current editor of *Leisure Studies*. She is also a coeditor of *Relative Freedoms: Women and Leisure*, recently published by Open University Press.

While on campus, Professor Talbot will speak to classes in Women's Studies and in Physical Education and Sport Studies, as

well as her host department. She will give an open seminar in the Department of Recreation and Leisure Studies (6 March, 2 to 3:30 pm, E-431 Van Vliet Centre) on "Retrospective Biography in Leisure Research"; and another seminar in the Department of Sociology (28 February, noon to 1 pm, 5-15 Tory Building), where her topic will be "Women, Families and Leisure". She will also deliver the annual Elsie Marie McFarland Lecture, titled "Leisure Studies: All Things to All Men and Women?" (8 March, 5 pm, in 2-135 Education North).

Finally, Professor Talbot will be spending a couple of days in the Faculty of Education, where she will be speaking to faculty and students, as well as addressing the Edmonton Branch of CAHPER and meeting with members of CAHPER's national executive. □



## 3M Fellowship program attuned to high quality teaching

3M Canada Inc and the Society for Teaching and Learning in Higher Education (STLHE) are moving into the fifth year of the 3M Teaching Fellowships Program, Canada's only nationwide university teaching awards.

As per usual, the intent is to recognize and reward faculty members for their outstanding achievement in practising and promoting excellent teaching in Canadian universities. The selected Fellows, 10 in each year, take part

in a special three-day seminar at Chateau Montebello in November.

The University of Alberta has an enviable record in the 3M program, having received five Fellowships—Roger Beck (Business), 1986; John Kuspira (Genetics), 1988; Manfred Prokop (Germanic Languages), 1989; Ray Rasmussen (Business), 1987; and Lois Stanford (Linguistics), 1989.

Alan Blizzard, coordinator of the program, advises that the deadline for nominations is 15 May 1990.

Previously unsuccessful candidates may be re-nominated. The nominator will need to complete the nomination form, the academic vice-president should confirm his/her support and the candidate should confirm that he or she would, if selected, be able to attend the 1990 seminar.

The Fellowships are open to any individual currently teaching at a Canadian university regardless of discipline or level of appointment. The selection committee will look for independent evidence of: 1) excellence in teaching over a number of years, principally (but not exclusively) at the undergraduate level; and 2) commitment to the improvement of university teaching within the candidate's own institution and perhaps beyond.

Some 36,000 Canadian university teachers are eligible for the award. In the first four years of the program, nearly 400 nominations were submitted from universities across the country. "Several of the Fellows," says Blizzard, "have already increased the scope of their positive influence on their colleagues, including making a major contribution to this year's STLHE Conference in Edmonton, attended by over 250 faculty members from every province."

Nomination forms have been sent to all Canadian universities in care of the Office of the Vice-President (Academic). □

## CURRENTS



### General Faculties Council

GFC's next meeting is scheduled for **Monday, 26 February, at 2 pm** in the University Hall Council Chamber.

1. Approval of the Agenda
2. Approval of the Minutes of 29 January 1990
3. Oral Report from the President
4. Question Period
5. New Members of GFC 1990-91

#### Reports

6. Executive Committee Reports
  - 6.1 Summary of Executive Committee Minutes of 5 February 1990
7. Reports of the Board of Governors
  - 7.12 February 1990 Report
8. Report of the Nominating Committee

#### New business

9. Faculty of Arts: Revisions to Academic Standing Regulations
10. Search and Review Procedures for Vice-Presidents
11. Faculty Tenure Committee (FTCs): Proposal from the Students' Union of Amendment of the Faculty Agreement to Include Students on FTCs
12. GFC Campus Law Review Committee (CLRC): Annual Report 1988-89
13. GFC Campus Law Review Committee (CLRC): Recommendation for Changes to the Code of Student Behavior Concerning Apprehended Danger
14. GFC Conference Funds Committee (CFC): Annual Report 1988-89
15. Awards Policy: Proposal to Expand Criteria for Selected Undergraduate

- Awards to Include Students  
Categorized as Full-Time Students
16. GFC Writing Competence Committee (WCC): Annual Report 1988-89
  17. GFC Facilities Development Committee (FDC): Annual Report 1988-89
  18. Other Business

For information concerning this agenda, members of the University community may telephone the Secretary to GFC at 492-5430.

### Professional Development for APOs, Information Session

Fiona Chesney and her colleagues from Internal Audit will discuss the topic "How to Prepare for the Internal Auditor." They will discuss the following questions: "What is Internal Audit all about?" "Why does the University need an internal audit function?" "How can your department benefit from the services of Internal Audit?"

The presentation will conclude with a question and answer period.

Date: 28 February. Time: 10:30 am to noon. Place: 326 Arts Building (Senate Chamber).

There is no registration fee, but you are asked to register by calling Gail Bamber at 492-2796.

While these sessions are directed at APOs, other interested staff are welcome. Enrollment is limited.

### 'Jewish-Christian Dialogue'

David Goa, curator of the Provincial Museum and lecturer in the Department of Religious Studies, is the speaker for "Jewish-Christian Dialogue", 28 February, 3:30 p.m., Faculty Lounge of St Joseph's College. Topic: "The Sanctification of Time."

### Faculty Breakfast and Dialogue

Members of the University community are invited to this monthly gathering on Wednesday, 7 March, 7:45 to 8:45 am.

Place: St Joseph's College, Newman Centre.

Speaker: Douglas N Dederich, Associate Professor and Chair, Division of Biomaterials, Faculty of Dentistry.

Topic: "The Dentist: Elitist or Professional - Ethics in Practice."

## EVENTS



### Talks

#### Law

24 February, 9:30 am Saturday Morning at the Law School—"Landlord and Tenant." Law Centre.

#### International Centre

26 February, noon Barbara Spronk, associate professor of anthropology, Athabasca University, "Participatory Research in Development."

27 February, 12:30 pm Marilyn Mogeey, Australian Aboriginals.

5 March, noon Gerry Gibeault, "Chile: Return to Democracy."

6 March, 12:30 pm Denise Whalen, "Inside South Africa."

7 March, noon Terry Gushuliak, "Appropriate Technology in Health Care."

8 March, 12:30 pm Sheshila Samy, Human Rights Officer, Alberta Human Rights Commission, and Esha Chaudhuri, "Thinking Globally, Acting Locally; Women and Development."

All events in 172 HUB International.

### Slavic and East European Studies

26 February, 3 pm Tova Yedlin, "Rethinking Soviet History: The Soviet Historian in the Era of 'Glasnost'." 436 Arts Building.

5 March, 3 pm Oleh Zujewskij, "Tolstoy and Stendhal: The Problem of Impressionism." 436 Arts Building.

### Germanic Languages

26 February, 3:30 pm Dirk Grathoff, University of Oldenburg, Germany, "Heinrich von Kleist and the French Revolution." 141 Arts Building.

27 February, 3:30 pm Professor Grathoff, "Goethe and Kleist: A Mutual Misunderstanding." 141 Arts Building.

1 March, 3:30 pm Professor Grathoff, "Literature and Suicide: Kleist's Death." 141 Arts Building.

2 March, 3:30 pm Professor Grathoff, "Heinrich von Kleist's Michael Kohlhaas" (in German). 141 Arts Building.

### Women's Studies Program

26 February, 3:30 pm Susan McDaniel, "Women in Canada's Aging Society." Senate Chamber, Arts Building.

### Plant Science

27 February, 12:30 pm B Ayre, "Site Specific Cleavage of RNA Molecules by Viroid and Virusoid Ribozymes, and Their Potential for Controlling Gene Expression in Plants."

1-06 Agriculture-Forestry Centre.

2 March, 12:30 pm V Mwai, "Combating Coffee Bean Disease in Kenya."

### Review committee

Continued from page six

437-2269 to speak with her, arrange a meeting with her or to arrange a meeting with another member of the committee. There is also a public meeting being planned for the end of February or early March. □

## Campus Events

For information on coming events call

**492-7073**

1-06 Agriculture-Forestry Centre.

## Centre for International Business Studies

27 February, 4 pm Allen Kilpatrick, Canadian High Commissioner to Australia, "Pacific Rim Competition—A View from Australia." Stollery Centre, Business Building. RSVP: 492-2225.

## English

27 February, 4 pm Paul Hjartarson, "The Autobiographical Subject." 5-20 Humanities Centre.  
1 March, 3:30 pm Heather Dubrow, Carleton College, Minnesota, "The Roads Not Taken: The Epithalamium in Stuart England." L-3 Humanities Centre.  
2 March, noon Heather Dubrow, Convention and Contention: The Case of Renaissance Studies." Senate Chamber, Arts Building.  
5 March, 4 pm Ira Nadel, University of British Columbia, "The Incomplete Joyce." 5-20 Humanities Centre.  
8 March, 3:30 pm Elizabeth D Harvey, University of Western Ontario, "Conceptions of Voice: History, Maternity, and Renaissance Texts." L-3 Humanities Centre.

## Alberta Heritage Foundation for Medical Research

27 February, 4 pm R Prichard, Institute of Parasitology, McGill University, Macdonald College, Ste-Anne de Bellevue, Quebec, "Comparison of Mammalian and Parasitic Nematodes Tubulins and  $\beta$ -Tubulin Genes in Relation to the Mode of Action of Benzimidazole Anthelmintics and Anthelmintic Resistance." 2/4.02 Mackenzie Health Sciences Centre. Sponsors: Zoology and Medical Microbiology and Infectious Diseases.  
28 February, 9 am Edward Dennis, University of California, San Diego, "Regulation, Structure, Mechanism and Inhibition of Phospholipase A<sub>2</sub>." 207 Heritage Medical Research Centre. Sponsor: Lipid and Lipoprotein Research Group and Biochemistry.  
28 February, 4 pm Verna Huffman Splane and Richard Splane, "Senior Nurses in Government: Chief Nursing Officers in National Ministries of Health." 2-115 Clinical Sciences Building. Sponsor: Nursing.  
6 March, 4 pm Brian Burke, assistant professor, Department of Cellular and Molecular Physiology, Harvard Medical School, "Nuclear Envelope Dynamics." 5-10 Medical Sciences Building. Sponsor: Anatomy and Cell Biology.

## Library and Information Studies

28 February, noon Melody Burton, "Small is Beautiful—CD ROM Talks to the Big Vendor." 3-01 Rutherford South.

## Recreation and Leisure Studies

28 February, noon Margaret Talbot, Leeds Polytechnic, England, "Women, Families, and Leisure." 5-15 Tory Building.  
6 March, 2 pm Dr Talbot, "Retrospective Biography in Leisure Research." E-431 Van Vliet Centre.  
8 March, 5 pm Dr Talbot, "Leisure

Studies: All Things to All Men and Women?" 2-135 Education North.

## Chemistry

28 February, 1 pm Arlindo Castelhamo, Syntex Canada Inc, Mississauga, Ontario, "Synthesis of Amino Acids with Latent Reactive Groups and the Application to Enzyme Inhibition." E3-25 Chemistry Building.

## Forest Science

28 February, 3:30 pm Jim Stewart, "Preconditioning Lodgepole Pine Seedlings for Water and Nitrogen Stress." 2-1 Mechanical Engineering Building.

## Genetics

28 February, 4 pm Paul Mains, University of Calgary, "Mutants Affecting the First Cleavage Division of *C. Elegans*." M-149 Biological Sciences Centre.

## Limnology and Fisheries Discussion Group

1 March, 12:30 pm Hinrich Rahmann, Universität Hohenheim, "Restoration Aspects of Smaller Lakes and Ponds in Southern Germany." M-149 Biological Sciences Centre.  
8 March, 12:30 pm Waraporn Prompoj, "Phosphorus Dynamics in the Bottom Sediments of the South Saskatchewan River, and Relationship to Rooted Plant Growth." M-149 Biological Sciences Centre.

## Chemical Engineering

1 March, 3 pm Eddy Isaacs, Oil Sands and Hydrocarbon Research Department, Alberta Research Council, "Electroacoustic Method for Monitoring the Coalescence of Water-in-Oil Emulsions." E342 Chemical-Mineral Engineering Building.

## Women's Studies Program

1 March, 3:30 pm Naomi Black, Department of Political Science, York University, "Farm Women's Politics." L-2 Humanities Centre.  
2 March, 11 am Professor Black, "What Do Politics Mean to Women?" 254 Education South. Cosponsors: Centre for Constitutional Studies, Anthropology, Political Science, and Sociology.

## Entomology

1 March, 3:30 pm Markus Eymann, "Flow Patterns Around Cocoons and Pupae of Black Flies of the Genus *Simulium* (Diptera: Simuliidae)." TBW-1 Tory Breezeway.  
8 March, 3:30 pm Jari Niemelä, Department of Zoology, University of Helsinki, "The Distribution of Carabid Beetles on Islands in the Baltic Sea." TBW-1 Tory Breezeway.

## Music

1 March, 3:30 pm Johannes Secker, University of Calgary, "Harmonic Theories and Experiments in Keyboard Design in Sixteenth- and Seventeenth-Century Italy." 2-32 Fine Arts Building.  
8 March, 3:30 pm Doctoral Students Forum. "Stein or Steinway?—The Future of the Pianist in the Period Instrument Revolution." Speakers: Grant Maxwell,

Michael Redshaw, and Joachim Segger. Moderator: Robert Klakowich. 2-32 Fine Arts Building.

## Classics

1 March, 3:30 pm D Fishwick, "Prudentius and the Cult of Divus Augustus." 1-8 Humanities Centre.

## Zoology

2 March, 3:30 pm H Rahmann, Institut für Zoologie, Universität Hohenheim, Stuttgart, FRG, "Influence of Surface Water Acidification on Amphibians." M-149 Biological Sciences Centre.

## Economics, Finance, and Management Science

2 March, 3:30 pm Cheng Hsiao, University of Southern California, "Statistical Analysis of Mixed Fixed and Random Coefficient Models for Pooling Cross-Section and Time Series Data." 4-16 Business Building.

## Religious Studies

5 March, 3 pm Eliezer Segal, Professor of Jewish Studies, University of Calgary, "Justice, Mercy and a Bird's Nest: Law and Exegesis in Jewish Tradition." L-2 Humanities Centre.

## Statistics and Applied Probability

5 March, 3 pm Hans Fölmer, University of Bonn, "Martin Boundaries on Wiener Space." 657 CAB.

## Pharmacology

5 March, 4 pm M Yoshino, Department of Physiology, Sapporo Medical College and Downstate Medical School, "Patch Clamp of Ca<sup>++</sup> Channels in *Tenia Coli*." 207 Heritage Medical Research Centre.

## Boreal Institute

8 March, noon Greg Henry, "Responses of High Arctic Sedge Meadows Along Gradients of Climate and Grazing: A Research Prospectus." 3-36 Tory Building.

## Botany and Geography

8 March, 4 pm Martin Lechowicz, Department of Biology, McGill University, "The Functional and Genetic Basis of Variation in Plant Reproductive Success." M-149 Biological Sciences Centre.

## Nursing

8 March, 7:30 pm Moyra Allen, professor emeritus, McGill University, "The Allen Nursing Model: Focusing on Long Term Family Health." 2F1.04 Mackenzie Health Sciences Centre.

## The Arts

## Exhibitions

## Bruce Peel Special Collections Library

Until further notice "Gifts of Celebration: Rare Books presented by the University Senate and the Friends of the University

1981-1989." B7 Rutherford South. Hours: Monday, 8:30 am-4:30 pm; Tuesday, Wednesday, Thursday, 8:30 am-6 pm; Friday, 8:30 am-4:30 pm; Saturday, noon-5 pm; Sunday, closed.

## FAB Gallery

Until 4 March "Visual Fundamentals"—a display of work by students enrolled in the Department of Art and Design, first year Art 231 introductory studio courses. 1-1 Fine Arts Building.  
Until 4 March "Wendy Christiansen"—the final visual presentation in partial fulfillment of the requirements for the MVA degree. 1-1 Fine Arts Building.

## McMullen Gallery

Until 30 March "A Family Show", in recognition of Alberta's first Family Day, 19 February. Works by a well-known family of artists: Dorothy Knowles, William Perehudoff, Catherine Perehudoff, Rebecca Perehudoff and Carol Perehudoff, courtesy of the Edmonton Art Gallery, Woltjen-Udell Gallery, Front Gallery and private collectors. Walter Mackenzie Health Sciences Centre.

## Myer Horowitz Theatre

24 February, 8 pm The Chinese Students' Drama Association presents "Grand Nights." 432-0772.  
25 February, 8 pm "Young Einstein." 1 to 3 March, 8 pm "Les Ballets Jazz."

## Edmonton Youth Orchestra

25 February, 3 pm Orchestra 1, the winners of the Northern Alberta Concerto Competition—piano and voice section will be featured. 436-7932. Convocation Hall.

## Music

26 February, 8 pm Doctoral Recital—Michael Redshaw, pianist.  
28 February, 8 pm Faculty Recital—Alta Nova Piano Trio.  
Both events in Convocation Hall.

## Films

## Germanic Languages

27 February, 7:30 pm "Die Abfahrer" (1978). 141 Arts Building.

## Edmonton Chamber Music Society

28 February, 8 pm "Shostakovich Quartet." 492-1538 or 433-8102. Myer Horowitz Theatre.

## Sports

## Track and Field

23 and 24 February CWUAA Championships.

## Award opportunities

## CMHC University Scholarship for Graduate Studies

Value: \$13,200. Programs of study may be pursued within a number of disciplines, including: urban planning, law, engineering, public administration, economics, psychology, landscape architecture, sociology, and architecture. CMHC determines which programs are

eligible. The objective of the CMHC University Scholarship for Graduate Studies is to support the development of a highly trained and skilled community of professionals in the many diverse aspects of housing and community planning in Canada.

Candidates must be Canadian citizens, or must have obtained permanent resident status in Canada before September 1988.

**Deadline:** 19 March 1990. Applications are available at the Office of Student Awards, 252 Athabasca Hall.

### Spring Competition for Scholarships in Economic Development for Native Students

The Canadian Northern Studies Trust will award graduate scholarships—valued at \$10,000 each—to support native students enrolled in post-baccalaureate degree or diploma programs at a Canadian university and who will be commencing graduate studies on or after 1 September 1990.

The educational program of the successful candidates will have special relevance to economic development for native peoples in Canada. Preference will be given on the basis of academic excellence, but work-related experience with potential for initiative and leadership qualities will be taken into account. The subject areas that have direct bearing on economic development will be considered, and the applicability of the course of study to native economic development must be demonstrated.

The awards are open to native students who are Canadian citizens and permanent residents of Canada. These awards are made possible by a contribution from the Native Economic Development Program, Government of Canada.

For information and application material, write to: Association of Canadian Universities for Northern Studies, 130 Albert Street, Suite 1915, Ottawa, Ontario K1P 5G4. Telephone: (613) 238-3525.

Applications are to be received by 1 April 1990.

### Positions

The University of Alberta is committed to the principle of equity in employment.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

### Support Staff

**The limited number of vacancies is a result of the current Support Staff hiring freeze effective 1 January 1990.**

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 16 February. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 16 February 1990.

The salary rates for the following positions reflect adjustments in accordance with the terms for the

### implementation of the Pay Equity Program.

Secretary (Term), Grade 5, Chemistry, (\$1,749-\$2,166)  
Bacteriology Technologist (Term to March 1990), Microbiology, (\$1,914-\$2,386)

### The following positions retain salary rates in accordance with the previous classification system and pay plan.

Clerk Steno III (Program Clerk) (Trust), Legal Resource Centre, (\$1,745-\$1,853)  
Administrative Clerk (Communications Coordinator), (Part-time/Term to January 1991), Development Office (Project Leadership), (\$823-\$1,050) (prorated)  
Technician I (Trust), Anesthesia, (\$1,705-\$2,189)  
Technician I/II (Trust), Anatomy and Cell Biology, (\$1,705-\$2,488)  
Electronics Technician II (Trust), Physics, (\$2,013-\$2,600)  
Nurse (Research Assistant) (Trust), Cardiology, (\$2,189-\$2,834)

## Advertisements

### Accommodations available

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 595-3200, Lois Dutton, Re/Max Ports West, Victoria, BC.

Rent - Hearthstone townhome, furnished, two bedroom, study, three baths, fireplace, air conditioning. Nonsmokers, no pets. 1 May-1 September. \$900/month. 435-4388.

Rent - Bachelor, one bedroom suite. Clean, quiet, immediately, 482-1456, 430-7770.

Sale - Beautiful Whitemud Creek acreage with huge newer hillside bungalow. On city water. Phone Valerie Cload, Spencer Realty, 436-5250 work/pager, 433-4720 home.

Sale - Pigeon Lake waterfront cottage near Mulhurst. 436-5483. Please, no agents.

Sale - University Garneau delightful bungalow with suite. Smartly updated, character and hardwood restored. Asking \$98,500. Ed Lastiwka, Royal LePage Realty, 437-7480, 437-4984.

Sale - Belgravia, dramatically renovated four bedroom home, deluxe oak kitchen, fireplace, hardwood, huge master bedroom, skylights, south facing backyard, \$189,900. Ed Lastiwka, Royal LePage Realty, 437-7480, 437-4984.

Rent - Bungalow, three bedrooms, extra basement bedroom and bathroom, two car heated garage. Near bus, schools, shopping, 4 1/2 km south of University. Could partially furnish. Nonsmokers preferred. 434-5933.

Rent - Fully furnished four bedroom home, Belgravia, 10/12 months beginning August. \$1,000. 436-0181 after 8 pm.

### Accommodations wanted

Quiet professional couple willing to housesit or rent home near University. Nonsmokers. 12-18 month tenancy. Flexible availability commencing April. Evenings 433-9290.

Responsible, professional woman looking to rent or housesit in Bonnie Doon area, April or May. Nonsmoker, references. Call Lori, 452-5885.  
Responsible, conscientious family seeks home to housesit/sublet April-June 1990. Nonsmokers. Ron/Kathy, 475-4930 evenings.

### Automobiles and others

1989 Golf GL three door, five speed, low kilometres, mint condition, many extras. Mike, 423-6868, 428-6243.

### Goods for sale

The Edmonton Book Store specializes in books for the University community. Quality books bought and sold every day; just a short walk from campus, 8530 109 Street. Call 433-1781.  
A510 video terminal, visual editing, \$200 obo, 433-8302.

### Services

Donnic Word Processing - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

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David Richards Carpentry. Certified journeyman NAIT. Complete interior and exterior residential renovations including plumbing and electrical. References available. 437-0794.

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Bad news: Spring and fall adventures are fully booked. Good news: We're offering summer in Turkey, 10-31 July, \$3,400! Reserve now. Golden Horn Tours, 483-8288, 435-2129.

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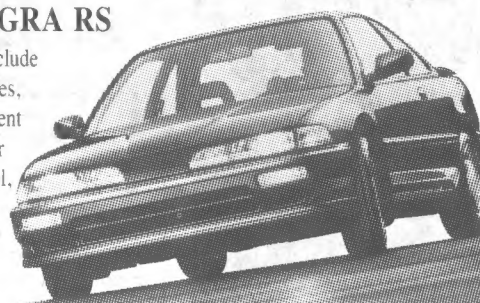
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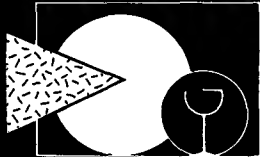
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